

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS

U. S. Department of Agriculture
and State Agricultural Colleges
Cooperating.

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CLASSIFICATION KEY FOR INDEXING REPORTS OF EXTENSION WORK

1. AGRICULTURAL ECONOMICS

a. Credit, insurance, and taxes

1. Cooperative insurance
2. Farm loans
 - 2.1 Farm-loan association
3. Seed loans
4. Taxes

b. Farm management

1. Business-analysis surveys
2. Cost accounts
 - 2.1 Crop enterprises
 - 2.2 Livestock enterprises
3. Farm accounts
 - 3.1 Account schools
 - 3.2 Clubs (boys' and girls')
4. Farm tenancy
5. Labor
 - 5.1 Locating help
 - 5.2 Placing help
 - 5.3 Wage scale
6. Diversity of enterprises
7. Cropping systems

c. Marketing

1. Buying
 - 1.1 Cooperative stores
 - 1.2 Equipment
 - 1.21 Farm
 - 1.22 Home
 - 1.3 Fertilizers and lime
 - 1.4 Grain and feed
 - 1.5 Livestock
 - 1.6 Seeds-stocks
 - 1.7 Supplies
 - 1.71 Canning
 - 1.72 Gas and oil
 - 1.73 Groceries, meats, etc.
 - 1.74 Spray materials
 - 1.75 Veterinary
 - 1.76 Explosives
 - 1.77 Twine

2. Buying and selling

- 2.1 Exchange lists
- 2.2 Farmers' exchange
- 2.3 Womens' exchange

3. Selling

- 3.1 Cotton
 - 3.11 Cotton-growers' association
- 3.2 Dairy products
 - 3.21 Cheese factories
 - 3.22 Creameries
 - 3.23 Cream stations
 - 3.24 Milk campaigns
 - 3.25 Milk plants
 - 3.26 Milk-producers' association
- 3.3 Fruit
 - 3.31 Central packing house
 - 3.32 Fruit-growers' exchange
 - 3.33 Grading
- 3.4 Grain
 - 3.41 Cooperative elevators
 - 3.42 Grain grading
 - 3.43 Grain-growers' association
 - 3.44 Rice association
 - 3.45 Seed-marketing association
- 3.5 Hay
 - 3.51 Hay-marketing association
- 3.6 Livestock
 - 3.61 Auction sales
 - 3.62 Consignment sales
 - 3.63 Sales pavilion
 - 3.64 Shipping association
 - 3.65 Wool
- 3.7 Miscellaneous
 - 3.71 Maple syrup
 - 3.72 Cane syrup
 - 3.73 Canned goods
 - 3.74 Honey
 - 3.75 Flowers
 - 3.76 Baskets
 - 3.77 Broom corn
- 3.8 Poultry products
 - 3.81 Eggs
 - 3.811 Egg circles
 - 3.82 Poultry
 - 3.821 Marketing association
- 3.9 Tobacco

- 3.91 Tobacco association
- 3.10 Truck and root crops
- 3.101 Potatoes

- 3.1011 Marketing association

- 3.102 Sugar beets

- 3.103 Truck

- 3.1031 Canning-crops association

- 3.1032 Curb and other markets

- 3.1033 Truck-growers' association

- 4. Market news service

- 5. Transportation

- 6. Storage plants - warehouses

d. Rural organization

- 1. Community buildings

- 1.1 Club houses

- 1.2 Rest rooms

- 1.3 Halls

- 2. Land settlement

- 3. Recreation

- 3.1 Playgrounds

- 4. Relief work

- 5. Rural libraries

- 6. Rural churches

- 7. Rural schools

- 8. Telephone systems

- 9. Rural betterment clubs

- 10. Rural-life studies

d. Farm machinery

- 1. Lime crushers

- 2. Seed-cleaning machinery

- 3. Threshing machines

- 4. Tractors

- 5. Tillage implements

e. Fences

f. Irrigation

g. Land clearing

h. Roads

i. Erosion prevention

- 1. Terracing

- 2. Soil dams

3. AGRICULTURAL TECHNOLOGY

a. Handicraft work

- 1. Basketry

- 2. Broom making

- 3. Clubs (boys' and girls')

- 4. Rug making

- 5. Soap making

- 6. Weaving

- 7. Wool carding

b. Syrup making

- 1. Cane

- 2. Maple

c. Vinegar making

4. ANIMAL INDUSTRY

a. Beef cattle

- 1. Adult work

- 1.1 Breeding

- 1.11 Breed association

- 1.12 Procuring purebred stock

- 1.2 Feeding

- 1.3 Herd management

- 1.4 Butchering

- 2. Junior work (boys' and girls' clubs)

- 2.1 Breeding

- 2.2 Meat production

2. AGRICULTURAL ENGINEERING

a. Drainage

- 1. Drainage districts

- 2. Explosives

- 3. Tile

- 4. Open ditch

b. Building construction and maintenance

- 1. Dwellings

- 2. Barns

- 3. Poultry houses

- 4. Silos

- 5. Hog houses

- 6. Paint campaigns

c. Farm and home conveniences

- 1. Heating systems

- 2. Lighting systems

- 3. Sewage disposal

- 4. Water supply

- 5. Radio

b. Dairy cattle

1. Adult work

1.1 Breeding

1.11 Breed association

1.12 Bull association

1.13 Procuring purebred stock

1.2 Butter and cheese making

1.3 Cow testing

1.31 Cow-test association

1.4 Dairy-improvement association

1.5 Equipment

1.6 Feeding

1.61 Ration service

1.7 Herd management

1.8 Introduction of dairying

1.81 Family cow

1.9 Sanitary milk production

2. Junior work (boys' and girls' clubs)

2.1 Calf clubs

2.2 Cow clubs

2.3 Dairy records

2.4 Heifer clubs

c. Goats

d. Horses and mules

1. Breeding

1.1 Breed association

2. Feeding

3. Colt clubs (boys' and girls')

e. Livestock-improvement association

f. Livestock shows and exhibits

g. Livestock surveys

h. Poultry

1. Adult (chickens)

1.1 Artificial lights

1.2 Breeding

1.21 Flock certification

1.22 Procuring purebred stock

1.23 Standardization of breed

1.3 Culling

1.4 Egg-laying contests

1.5 Equipment

1.6 Feeding

1.7 Flock management

1.71 Brooding

1.72 Hatching

1.8 Housing

1.9 Poultry association

1.10 Poultry shows

1.11 Records of production

1.12 Killing and picking

1.13 Infertile eggs

2. Junior (boys' and girls' clubs)

2.1 Breeding

2.2 Culling

2.3 Feeding

3. Turkeys

i. Purebred-sire campaign

1. Mock trial

2. Scrub-bull funeral

j. Sheep

1. Breeding

1.1 Procuring purebred stock

2. Clubs (boys' and girls')

3. Feeding

4. Sheep and wool growers' association

5. Shearing

6. Culling

k. Small animals

1. Rabbits

l. Stock judging

1. Adult

2. Junior

Swine

1. Adult work

1.1 Breeding

1.11 Breed association

1.12 Procuring purebred stock

1.13 Boar rings

1.14 Standardization of breeds

1.2 Feeding

1.21 Self feeders

1.22 Hogging off

1.3 Herd management

1.31 Ton-litter contests

1.4 Swine shows

1.5 Butchering

2. Junior (boys' and girls' clubs)

2.1 Breeding pig club

2.2 Fattening pig club

2.3 Sow and litter club

5. CLOTHING AND MILLINERY

a. Adult

1. Budgets
2. Cleaning and dyeing
3. Construction
4. Dress forms
5. Efficiency - short cuts
6. Hygiene
7. Millinery
8. Patterns
9. Repairing and remodeling
10. Selection
11. Sewing contests

b. Junior (boys' and girls' clubs)

1. Budgets
2. Cleaning and dyeing
3. Construction
4. Millinery
5. Repairing and remodeling

6. COOPERATIVE EXTENSION WORK

a. County extension work

1. Assistant agents
2. History
3. Local leaders
 - 3.1 Procuring
 - 3.2 Training
4. Office
 - 4.1 Clerical help
 - 4.2 Equipment
 - 4.3 Records
5. Program of work
 - 5.1 Club
 - 5.2 Community
 - 5.3 County
6. Prizes, scholarships, etc.
7. County organization
 - 7.1 Constitution and by-laws
 - 7.2 Extension committees
 - 7.21 Community
 - 7.22 Executive
 - 7.23 Projects
 - 7.3 Finance
 - 7.4 History
 - 7.5 Membership
 - 7.51 Membership fees
 - 7.6 Adult clubs
 - 7.7 Junior clubs
 - 7.8 Annual meetings

b. Supervision and administration

1. Analyses and surveys

1.1 Community

1.2 County

1.3 State

2. Assistant leaders

3. Conferences

3.1 District

3.2 Itinerant

3.3 State-wide

4. Finances

5. Organizing new counties

6. Personnel

6.1 Starting new agents

7. State program of work

7.1 Methods of determining

7.2 Correlation with county agents

7.3 Project plans

7.4 Supervisory program

8. Reports

9. Legislation

10. Relationships with counties

11. Standards for boys' and girls' clubs

12. Extension organization at the colleges

c. Subject-matter specialists

1. Animal husbandry

2. Clothing

3. Dairying

4. Entomology

4.1 Bees

5. Farm crops

6. Farm management

7. Food preservation

8. Health

9. Home conveniences

10. Home management

11. Horticulture

11.1 Fruit

11.2 Landscape gardening

11.3 Vegetables

12. Marketing

13. Nutrition

14. Plant pathology

15. Poultry

16. Publicity

16.1 Visual instruction

17. Rodent and animal-pest control

18. Rural engineering

19. Soils

20. Veterinary

d. Cooperation with outside organizations

1. State farm bureaus
2. National farm bureau
3. Breed associations
4. Bankers' associations
5. Chambers of commerce
6. Fairs
7. Farmers' clubs
8. Farmers' union
9. Grange
10. Marketing associations
11. Red Cross
12. Public schools
13. State departments of agriculture
14. Women's clubs

2.2 Home economics courses in schools

2.3 Correspondence courses

2.4 Extension schools

2.5 Short courses

2.51 Adult

2.52 Junior

2.6 Leader training schools

3. Object lesson

3.1 Demonstrations

3.11 Adult

3.12 Junior

3.2 Experimental farms

7. ENTOMOLOGY

e. Teaching methods

1. Propaganda

1.1 Meetings

1.11 Farmers' institutes

1.12 Farmers' week

1.13 Achievement days

1.14 Camps

1.141 County

1.142 State

1.15 Pageants and plays

1.16 Picnics

1.17 Auto tours

1.18 Demonstration meetings

1.181 Team demonstrations (junior)

1.1811 Agriculture

1.1812 Home economics

1.182 Demonstration trains

1.2 Publicity

1.21 County extension publication

1.22 Farm-bureau news

1.23 State press

1.24 County press

1.25 News service

1.26 Circulars and bulletins

1.3 Visual instruction

1.31 Charts

1.32 Lantern slides

1.33 Motion pictures

1.34 Exhibits

1.341 Junior exhibits

1.4 Campaigns

2. Personal service

2.1 Agricultural courses in schools

a. Beekeeping

1. Beekeepers association

2. Clubs (boys' and girls')

b. Injurious insects

1. Cereal and forage crops

1.1 Alfalfa weevil

1.2 Army worm

1.3 Chinch bug

1.4 Corn borer

1.5 Cutworm

1.6 Grain weevil

1.7 Grasshopper

1.8 Hessian fly

1.9 (List others)

2. Cotton

2.1 Boll weevil

2.11 Cultural methods of control

2.12 Poisoning

2.2 Red spider

3. Fruits

3.1 Citrus thrip

3.2 Codling moth

3.3 Peach thrip

3.4 Peach borer

3.5 Red spider

3.6 Scale insects

3.7 Woolly aphis

3.8 (List others)

4. Household

4.1 Ants

4.2 Mosquitoes

4.3 Flies

5. Livestock

5.1 Lice

- 5.2 Ticks
- 5.3 Worms
- 6. Nuts
 - 6.1 Pecan caterpillar
- 7. Truck and root crops
 - 7.1 Colorado beetle
 - 7.2 Cucumber beetle
 - 7.3 Cutworm
 - 7.4 Green aphid
 - 7.5 Onion maggot
 - 7.6 (List others)

8. FARM CROPS

a. Cereals

- 1. Barley
- 2. Buckwheat
- 3. Corn
 - 3.1 Clubs (boys' and girls')
 - 3.2 Cultural practices
 - 3.3 Seed certification
 - 3.4 Seed selection
 - 3.5 Seed testing
 - 3.6 Shows
 - 3.7 Varieties - grain
 - 3.8 Varieties - silage
- 4. Grain-growers' association
- 5. Oats
 - 5.1 Seed certification
 - 5.2 Varieties
- 6. Rice
 - 6.1 Cultural methods
 - 6.2 Varieties
- 7. Rye
 - 7.1 Seed certification
 - 7.2 Varieties
- 8. Wheat
 - 8.1 Cultural practices
 - 8.2 Seed certification
 - 8.3 Varieties

b. Crop standardization

c. Fiber crops

- 1. Cotton
 - 1.1 Clubs (boys' and girls')
 - 1.2 Cultural practices
 - 1.3 Variety standardization
- 2. Flax
- 3. Hemp

d. Forage crops

- 1. Alfalfa

- 1.1 Inoculation
- 1.2 Seed certification
- 1.3 Varieties
 - 1.31 Grimm

2. Bermuda grass

3. Bur clover

4. Clovers

- 4.1 Alsike
- 4.2 Crimson
- 4.3 Red

5. Cowpeas

5.1 Inoculation

6. Field peas

7. Lespedeza

8. Pastures

9. Range improvement

10. Rape

11. Sorghum

11.1 Broom corn

11.2 Clubs (boys' and girls')

11.3 Darso

11.4 Feterita

11.5 Kafir

11.6 Milo

11.7 Saccharine sorghum

12. Soybeans

12.1 Clubs (boys' and girls')

12.2 Inoculation

12.3 Seed production

12.4 Varieties

13. Sudan grass

14. Sunflower silage

15. Sweet clover

15.1 Annual sweet clover

15.2 Seed production

16. Timothy

17. Velvet beans

18. Vetch

e. Miscellaneous crops

1. Beans

1.1 Clubs (boys' and girls')

2. Tobacco

2.1 Clubs (boys' and girls')

3. Peanuts

3.1 Clubs (boys' and girls')

4. Sugar cane

f. Root crops

1. Potatoes

1.1 Clubs (boys' and girls')

1.2 Potato-growers' association

1.3 Seed certification

- 1.4 Seed sources
- 1.5 Seed selection
- 1.6 Varieties
- 1.7 Shows
- 2. Sugar beets
 - 2.1 Clubs (boys' and girls')
- 3. Sweet potatoes
 - 3.1 Clubs (boys' and girls')
 - 3.2 Seed certification
 - 3.3 Seed treatment
 - 3.4 Storage
 - 3.5 Varieties
- 4. Turnips and mangels
- g. Seeds
 - 1. Procuring better seed
 - 1.1 Testing
 - 2. Seed-growers' association
 - 3. Seed shows
- 9. FOOD AND NUTRITION
 - a. Food preparation
 - 1. Adult
 - 1.1 Bread
 - 1.2 Salads
 - 1.3 Sweets, candy, ices, etc.
 - 1.4 Vegetables
 - 1.5 School lunches
 - 1.6 Steam-pressure cooking
 - 2. Junior (boys' and girls' clubs)
 - 2.1 Bread
 - 2.2 Hot lunches
 - 2.3 Meal preparation
 - b. Nutrition
 - 1. Food selection
 - 2. Nutrition classes
 - 3. Special diets
 - 4. Child feeding and care
 - 5. Special milk work
 - 5.1 Milk campaigns
 - c. Food preservation
 - 1. Canning
 - 1.1 Adult
 - 1.11 Fruits
 - 1.12 Vegetables
 - 1.13 Meats and fish
 - 1.2 Junior (boys' and girls' clubs)
 - 1.3 Community canneries
 - 2. Drying
 - 3. Brining
- 4. Special products
 - 4.1 Jams and preserves
- 5. Meat curing
- 10. FORESTRY
 - a. Clubs (boys' and girls')
 - b. Windbreaks
 - c. Woodlot management
 - d. Plantings
 - e. Wood preservation
- 11. HEALTH
 - a. Clubs (boys' and girls')
 - b. Clinics
 - c. First aid
 - d. Home nursing
 - e. Sanitation
 - f. Visiting nurses
 - g. Health habits
 - 1. Child health
 - h. Medical service
- 12. HORTICULTURE
 - a. Fruit growing
 - 1. Fruit-growers' association
 - 2. Orchards
 - 2.1 Clubs (boys' and girls')
 - 2.2 Grafting
 - 2.3 Heating
 - 2.4 Introduction
 - 2.41 Home orchards
 - 2.5 Irrigation
 - 2.6 Management
 - 2.7 Pruning
 - 2.71 Thinning
 - 2.8 Renovation
 - 3. Small fruits
 - 3.1 Clubs (boys' and girls')
 - 4. Vineyards
 - 4.1 Clubs (boys' and girls')
 - 4.2 Muscadines
 - b. Landscape gardening
 - 1. Lawns
 - 2. Flowers
 - 3. Trees and shrubs
 - c. Nuts

d. Truck and vegetable crops

1. Asparagus
2. Cabbage
3. Cauliflower
4. Celery
5. Cucumbers
6. Home gardens
 - 6.1 Clubs (boys' and girls')
7. Lettuce
8. Melons
9. Onions
10. Peas
11. Sweet corn
 - 11.1 Clubs (boys' and girls')
12. Tomatoes
 - 12.1 Clubs (boys' and girls')
13. Spinach

13. HOME MANAGEMENT

- a. Budgets and accounts
- b. Clubs (boys' and girls')
- c. Decorations
- d. Equipment
- e. Furnishings
- f. House planning
- g. Kitchen arrangement
- h. Laundry
- i. Refinishing furniture
- j. Time studies

14. PLANT DISEASES

- a. Cereal and forage crops
 1. Barley smut
 2. Corn root and ear rot
 3. Oat smut
 4. Root knot
 5. Wheat diseases
 - 5.1 Rust
 - 5.1.1 Barberry eradication
 - 5.2 Smut
- b. Cotton
 1. Anthracnose
 2. Wilt
- c. Fruits
 1. Deciduous
 - 1.1 Apple scab
 - 1.2 Apple rust
 - 1.3 Brown rot
 - 1.4 Fire blight
 - 1.5 Gumming

- 1.6 Shot hole spot
- 1.7 Sooty blotch
2. Citrus fruits
 - 2.1 Canker
 - 2.2 Melanose
 - 2.3 Scab
3. Small fruits
 - 3.1 Cherry leaf spot
 - 3.2 Currant leaf spot
 - 3.3 Raspberry anthracnose
4. Spray rings

d. Tobacco

1. Wildfire
2. Leaf spot
3. Root rot

e. Truck and root crops

1. Potatoes
 - 1.1 Fusarium
 - 1.2 Late blight
 - 1.3 Mosaic
 - 1.4 Rhizoctonia
 - 1.5 Scab
 - 1.5.1 Inoculated sulphur
 - 1.6 Spraying
 - 1.6.1 Spray rings
 - 1.7 Blackleg
2. Sweet potatoes
 - 2.1 Black rot
 - 2.2 Scurf
 - 2.3 Stem rot
3. Cabbage diseases
 - 3.1 Black rot
 - 3.2 Yellows
4. Onion diseases
5. Celery diseases
6. Bean diseases
7. Cantaloupe diseases
8. Tomato diseases
 - 8.1 Wilt
 - 8.2 Spraying
9. Lettuce diseases
10. Cucumber diseases
11. Watermelon diseases

f. Plant-disease survey

g. Spray-ring information

h. Forest trees

1. White-pine blister rust

i. Nut diseases

15. RODENTS-PREDATORY ANIMALS-BIRDS

- a. Birds
 - 1. Sparrows
- b. Predatory animals
 - 1. Coyotes
 - 2. Wolves
- c. Rodents
 - 1. Ground squirrels
 - 2. Mice
 - 3. Moles
 - 4. Pocket gophers
 - 5. Prairie dogs
 - 6. Rabbits
 - 7. Rats
 - 8. Woodchucks

16. SOILS

- a. Cover and green manure crops
 - 1. Orchards
- b. Crop-rotation systems
- c. Fertilizers
 - 1. Barnyard manure
 - 2. Commercial
 - 2.1 Complete
 - 2.2 Home mixing
 - 2.3 Nitrogen
 - 2.4 Phosphorus
 - 2.5 Potassium
 - 2.6 Sulphur
 - 2.7 Gypsum
 - 2.8 Laws
 - 2.9 Standard formulas
 - 3. Lime
 - 4. Top dressing
 - 5. For special crops
 - 5.1 Cotton
 - 5.2 Orchards
 - 5.3 Potatoes
 - 5.4 Tobacco
 - 5.5 Truck
 - 5.6 Alfalfa
 - 5.7 Wheat
 - 5.8 Corn
 - 5.9 Rice
 - 5.10 Pastures
 - 5.11 Soybeans
 - 5.12 Oats

d. Surveys

- e. Tillage methods
 - 1. Dry farming
 - 2. Subsoiling

17. VETERINARY SCIENCE

- a. Cattle
 - 1. Anthrax
 - 2. Blackleg
 - 3. Castrating
 - 4. Contagious abortion
 - 5. Dehorning
 - 6. Forage poisoning
 - 7. Hemorrhagic septicemia
 - 8. Tuberculosis
 - 8.1 Accredited herds
 - 9. (List others)

b. Horses

- c. Poultry
 - 1. Caponizing
 - 2. Chicken pox
 - 3. Roup
 - 4. White diarrhea
 - 5. Tuberculosis
 - 6. Blackhead
 - 7. Coccidiosis

- d. Sheep
 - 1. Castrating
 - 2. Docking
 - 3. Diseases

- e. Swine
 - 1. Hemorrhagic septicemia
 - 2. Hog cholera
 - 2.1 Inoculation
 - 3. Necrobacillosis
 - 4. (List others)

f. Foot-and-mouth disease

18. WEEDS

- a. Canada thistle
- b. Dodder
- c. Morning glory
- d. Mustard and kale
- e. Poison weeds
- f. Sow thistle
- g. Weed laws
- h. Wild garlic
- i. Witch and quack grass
- j. (List others)

1. The first part of the report deals with the general situation of the country. It is a very interesting and informative study of the country's development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is easy to read. It is a valuable contribution to the study of the country's development.

2. The second part of the report deals with the economic situation of the country. It is a very interesting and informative study of the country's economic development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is easy to read. It is a valuable contribution to the study of the country's economic development.

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10. The tenth part of the report deals with the bibliography of the study. It is a very interesting and informative study of the country's development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is easy to read. It is a valuable contribution to the study of the country's development.